

Search History (9 pp.) ~~Page 1~~ (6/6/05)

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 525  | (257/328).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2004/09/20 16:02 |
| S2    | 421  | (257/329).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2002/10/02 18:57 |
| S3    | 487  | (257/339).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2002/10/02 18:57 |
| S4    | 592  | (257/341).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2002/10/02 18:58 |
| S5    | 1192 | ((257/328).CCLS.) or ((257/329).CCLS.) or ((257/339).CCLS.) or ((257/341).CCLS.)                           | US-PGPUB;<br>USPAT  | OR               | ON      | 2002/10/02 18:58 |
| S6    | 208  | ((257/328).CCLS.) or ((257/329).CCLS.) or ((257/339).CCLS.) or ((257/341).CCLS.) and diode and protect\$3  | US-PGPUB;<br>USPAT  | OR               | ON      | 2002/10/02 18:59 |
| S7    | 128  | ((257/328).CCLS.) or ((257/329).CCLS.) or ((257/339).CCLS.) or ((257/341).CCLS.) and diode same protect\$3 | US-PGPUB;<br>USPAT  | OR               | ON      | 2002/10/03 16:06 |
| S8    | 0    | jp-10144938\$-\$.did.  | US-PGPUB;<br>USPAT  | OR               | ON      | 2002/10/03 08:54 |
| S9    | 2    | jp-10144938\$-\$.did.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR               | ON      | 2003/12/28 21:20 |
| S10   | 2    | ("6246092").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2002/10/03 19:53 |

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| S11 | 0    | ("zeneradjdiodenear12concentrati<br>onnear12width").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2002/10/03 19:53 |
| S12 | 2    | zener adj diode near12<br>concentration near12 width   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2002/10/03 20:08 |
| S13 | 0    | zener adj diode near12<br>alternate\$2 near12 height   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2002/10/03 20:09 |
| S14 | 0    | zener adj diode near12 different<br>near12 height  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2002/10/03 20:10 |
| S15 | 4    | zener adj diode near12 different<br>near12 (width or height)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2002/10/03 20:11 |
| S16 | 9    | zener adj diode near12 (differen\$2<br>or alternat\$3) near12 (width or<br>height)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2002/10/03 20:28 |
| S17 | 1745 | ((257/328) or (257/329) or<br>(257/339) or (257/341)).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2002/10/03 20:29 |
| S18 | 18   | ((((257/328) or (257/329) or<br>(257/339) or (257/341)).CCLS.)<br>and (zener adj diode same vertical<br>or zener adj diode near12 vertical)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2002/10/03 20:30 |
| S19 | 92   | ((((257/328) or (257/329) or<br>(257/339) or (257/341)).CCLS.)<br>and zener adj diode  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2002/10/03 20:30 |
| S20 | 1745 | ((((257/328) or (257/329) or<br>(257/339) or (257/341)).CCLS.) or<br>(((257/328) or (257/329) or<br>(257/339) or (257/341)).CCLS.)<br>and zener adj diode) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2002/10/03 20:30 |

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| S21 | 92   | (((257/328) or (257/329) or (257/339) or (257/341)).CCLS.) and (zener adj diode same vertical or zener adj diode near12 vertical)) or (((257/328) or (257/329) or (257/339) or (257/341)).CCLS.) and zener adj diode) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2002/10/03 21:07 |
| S22 | 3    | ("4963970") or ("6268242") or ("5973359").PN.   | USPAT;<br>USOCR   | OR | OFF | 2002/10/03 21:09 |
| S23 | 2    | jp-10144938\$-\$.did.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2002/10/03 21:09 |
| S24 | 3    | "926454".ap.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2003/06/24 20:51 |
| S25 | 2313 | ((257/328) or (257/329) or (257/339) or (257/341) or (257/173)).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2003/06/25 11:22 |
| S26 | 3717 | ((257/328) or (257/329) or (257/339) or (257/341) or (257/173) or (257/355) or (257/356)).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2003/06/25 11:24 |
| S27 | 653  | (((257/328) or (257/329) or (257/339) or (257/341) or (257/173) or (257/355) or (257/356)).CCLS.) and (zener protect\$3 near2 diode)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2003/06/25 11:26 |
| S28 | 1    | ("5973359").PN.   | USPAT;<br>USOCR   | OR | OFF | 2003/12/28 21:22 |
| S29 | 1    | ("6268242").PN.   | USPAT;<br>USOCR   | OR | OFF | 2003/12/28 21:22 |
| S30 | 1013 | 257/328   | US-PGPUB;<br>USPAT  | OR | OFF | 2003/12/29 09:40 |
| S31 | 860  | 257/329   | US-PGPUB;<br>USPAT  | OR | OFF | 2003/12/29 09:40 |
| S32 | 1109 | 257/341   | US-PGPUB;<br>USPAT  | OR | OFF | 2003/12/29 09:40 |
| S33 | 566  | 257/173   | US-PGPUB;<br>USPAT  | OR | OFF | 2003/12/29 09:40 |

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| S34 | 2829 | 257/328 257/329 257/341<br>257/173   | US-PGPUB;<br>USPAT  | OR | OFF | 2003/12/29 09:40 |
| S35 | 123  | (257/328 257/329 257/341<br>257/173) and zener adj diode and<br>protect\$3.ti,ab,clm.    | US-PGPUB;<br>USPAT  | OR | OFF | 2003/12/29 09:41 |
| S36 | 4    | "926454".ap.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2004/08/22 20:52 |
| S37 | 4    | "926454".ap.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2004/09/20 16:04 |
| S38 | 2    | ("6268242").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/09/20 17:48 |
| S39 | 2    | jp-01144938\$-\$.did.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2004/09/20 16:06 |
| S40 | 0    | jp-101144938\$-\$.did.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2004/09/20 16:06 |
| S41 | 2    | jp-10144938\$-\$.did.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2004/09/20 16:06 |
| S42 | 182  | 257/174  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2004/09/20 18:06 |
| S43 | 87   | (257/174).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2004/09/20 18:30 |
| S44 | 2826 | ((257/173) or (257/327) or<br>(257/328) or (257/356) or<br>(257/365) or (257/401)).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2004/09/21 13:50 |

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| S45 | 43   | ((257/173) or (257/327) or (257/328) or (257/356) or (257/365) or (257/401)).CCLS.) and (zener diode) near6 (protect protects protected protecting protected) near6 gate and (encircle encircled encircling closed ring ring adj (shape shaped) inner outer surround surrounding surrounded)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/09/20 18:34 |
| S46 | 3842 | ((257/173) or (257/288) or (257/327) or (257/328) or (257/356) or (257/365) or (257/401) or (257/577)).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2004/09/21 13:51 |
| S47 | 46   | ((257/173) or (257/288) or (257/327) or (257/328) or (257/356) or (257/365) or (257/401) or (257/577)).CCLS.) and (diode zener) near6 (protect\$3 electrostatic adj discharge esd) and (diode zener) near8 source near8 gate and (encircling encircled encircle encircled surround surrounds surrounding surrounded closed closing closes close) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/09/21 17:28 |
| S48 | 6    | "438912".ap.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/09/21 15:04 |
| S49 | 12   | "moth-eye" and "reflexite"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/09/21 15:05 |
| S50 | 2    | ("moth-eye" and "reflexite") and polari?er.clm. and "moth-eye".clm.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/09/21 15:06 |
| S51 | 6    | "410153".ap.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/09/21 17:41 |
| S66 | 5    | "746954".ap.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/06 12:56 |



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| S67  | 6 | "647604".ap.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/09/21 18:29 |
| S68  | 3 | "605513".ap.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/09/21 18:37 |
| S69  | 6 | "335008".ap.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/09/21 18:38 |
| S94  | 4 | "926454".ap.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/09 15:26 |
| S95  | 2 | JP-10144938\$-\$DID.                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/09 15:40 |
| S96  | 2 | JP-05021721\$-\$DID.                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/09 15:43 |
| S97  | 2 | JP-58084461\$-\$DID.                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/09 15:46 |
| S98  | 6 | S95 S96 S97   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/09 15:46 |
| S99  | 6 | ((("5,973,359") or ("6,268,242") or ("4,963,970"))).PN. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/09 16:18 |
| S100 | 2 | ("6172383").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/09 16:25 |

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| S10<br>1 | 2    | ("6268242").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/09 16:31 |
| S10<br>2 | 2    | ("5886381").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/09 18:39 |
| S10<br>3 | 3164 | ((257/288) or (257/355) or<br>(257/356)).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/09 18:39 |
| S10<br>4 | 33   | S103 and ring near5 gate  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/09 19:51 |
| S10<br>5 | 44   | (US-20010009287-\$ or<br>US-20020088991-\$ or<br>US-20020096710-\$ or<br>US-20020117732-\$ or<br>US-20030042538-\$ or<br>US-20030057497-\$ or<br>US-20050073007-\$ or<br>US-20040238894-\$ or<br>US-20040178454-\$ or<br>US-20040178453-\$ or<br>US-20040079975-\$ or<br>US-20020084490-\$ or<br>US-20010013625-\$).did. or<br>(US-4760434-\$ or US-4963970-\$<br>or US-5204988-\$ or US-5736779-\$<br>or US-5886381-\$ or US-5945713-\$<br>or US-5973359-\$ or US-6246092-\$<br>or US-6249023-\$ or US-6268242-\$<br>or US-6274908-\$ or US-6441445-\$<br>or US-6548865-\$ or US-6750507-\$<br>or US-6172383-\$ or US-6833568-\$<br>or US-6798022-\$ or US-6765266-\$<br>or US-6759716-\$ or US-6750517-\$<br>or US-6097066-\$ or<br>US-4688323-\$).did. or<br>(EP-437939-\$).did. or<br>(JP-10144938-\$ or JP-05021721-\$<br>or JP-58084461-\$ or<br>JP-04078171-\$ or<br>JP-01191477-\$).did. or<br>(JP-10144938-\$ or JP-05021721-\$<br>or JP-58084461-\$).did. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT             | OR | OFF | 2005/04/09 19:50 |

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| S10<br>6 | 885  | (257/577).CCLS.          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/09 19:51 |
| S10<br>7 | 4028 | S103 S106                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/09 19:51 |
| S10<br>8 | 34   | S107 and ring near5 gate | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/09 19:51 |
| S10<br>9 | 1    | S108 NOT S104            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/09 19:59 |
| S11<br>0 | 447  | (257/356).CCLS.          | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/04/09 19:59 |
| S11<br>1 | 2    | ("6268242").PN.          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/18 11:49 |
| S11<br>2 | 0    | ("926454.ap.").PN.       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/18 11:49 |
| S11<br>3 | 4    | "926454".ap.             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/18 13:26 |
| S11<br>4 | 4    | "926454".ap.             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/19 13:59 |
| S11<br>5 | 2    | ("6268242").PN.          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/04/19 13:59 |



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| S11<br>6 | 0    | ("wo-200167520\$-\$\$.did. ").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/06 11:47 |
| S11<br>7 | 1    | wo-200167520\$-\$\$.did.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/06 11:48 |
| S11<br>8 | 2    | jp-10144938\$-\$\$.did.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/06 11:49 |
| S11<br>9 | 2    | jp-05021721\$-\$\$.did.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/06 11:49 |
| S12<br>0 | 2    | jp-58084461\$-\$\$.did.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/06 11:49 |
| S12<br>1 | 4622 | ((257/173) or (257/288) or<br>(257/327) or (257/328) or<br>(257/365) or (257/368) or<br>(257/401) or (257/577)).CCLS.                              | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/06/06 12:55 |
| S12<br>2 | 5665 | ((257/173) or (257/288) or<br>(257/327) or (257/328) or<br>(257/355) or (257/356) or<br>(257/365) or (257/368) or<br>(257/401) or (257/577)).CCLS. | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/06/06 12:57 |
| S12<br>3 | 164  | S122 and (zener protective) near2<br>diode and surround\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/06 12:58 |